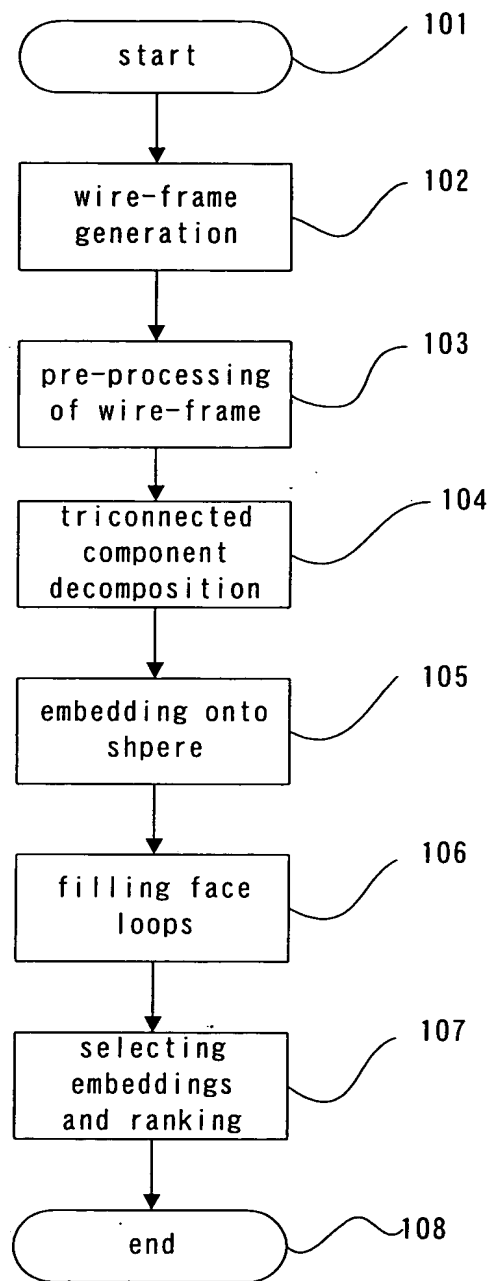
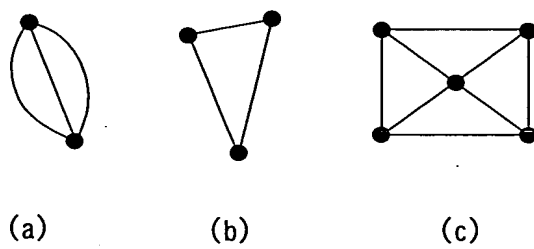


Fig. 1



005280" 6ET84960



- (a) 3-bond graph
- (b) triangle graph
- (c) triconnected graph

Fig. 2

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005280" 6ET84960

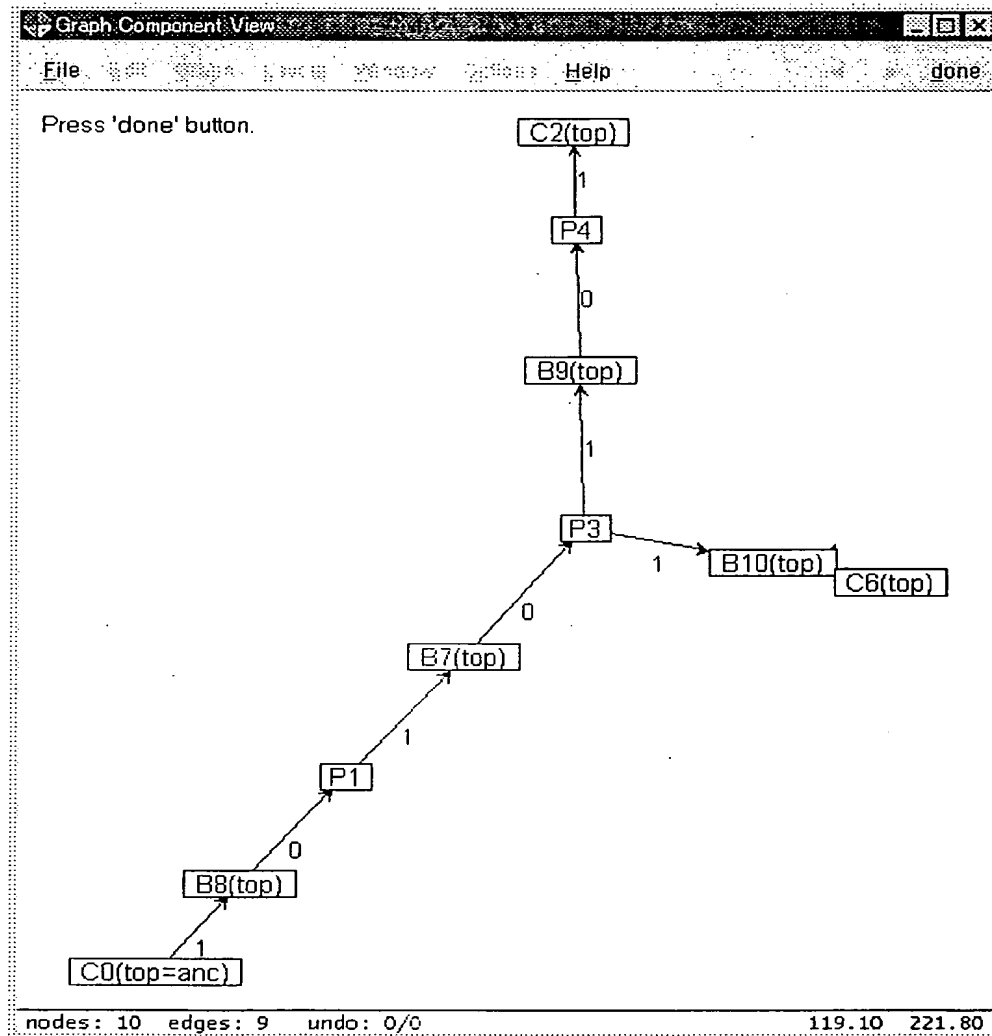
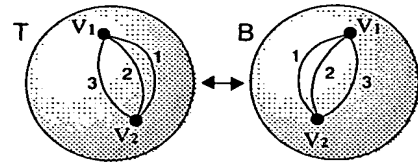
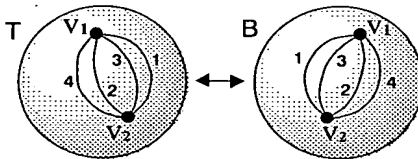
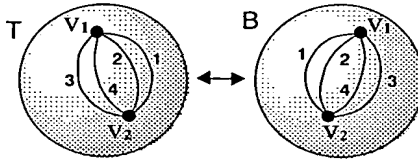
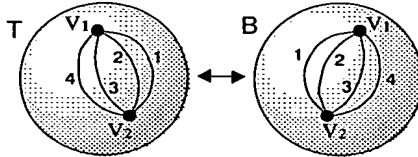


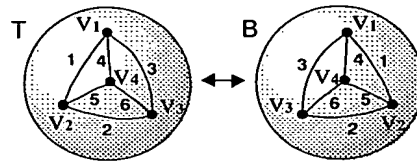
Fig. 3



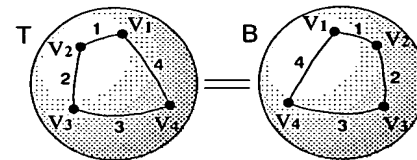
3-bond



4-bond



Triconnected graph



Polygon graph

Fig. 4

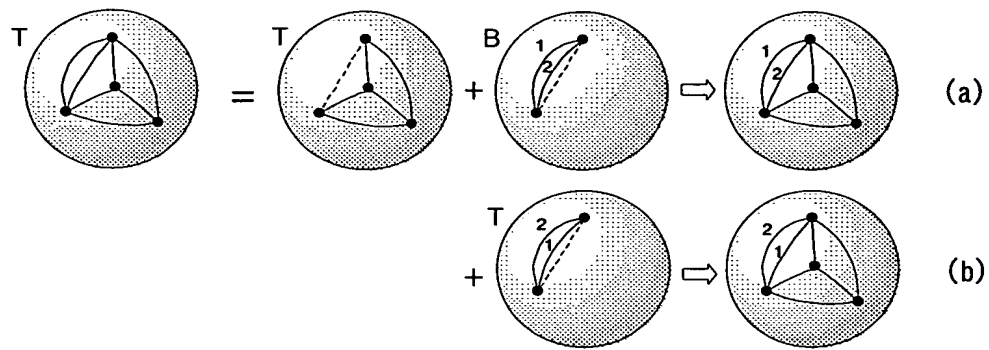
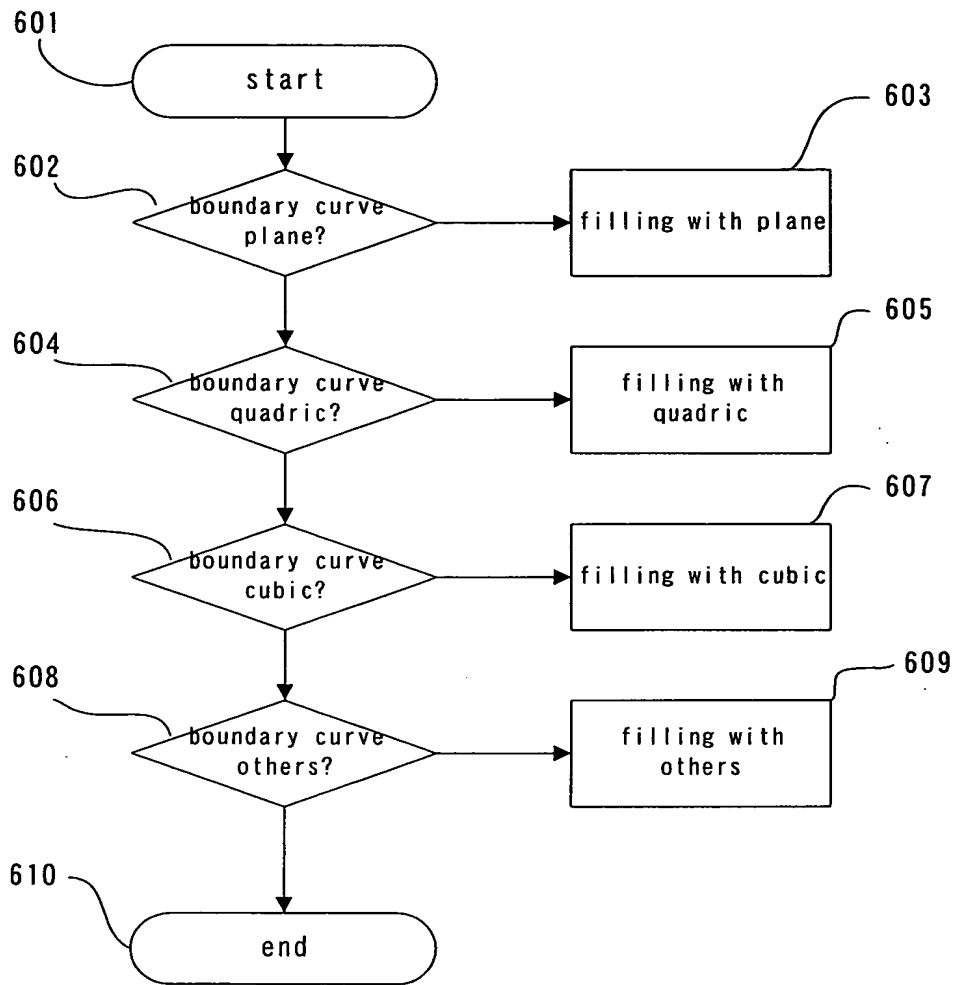


Fig. 5

Fig. 6



005280" 6ET84950

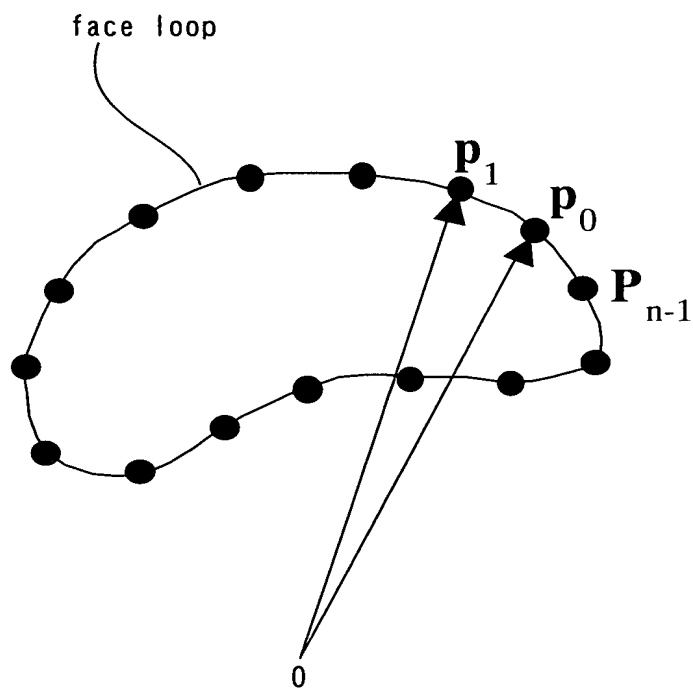


Fig. 7

005280" 6ET84950

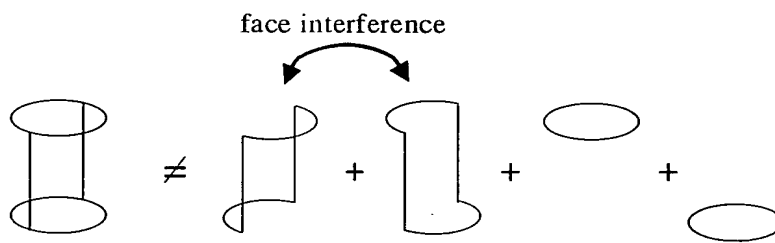


Fig. 8

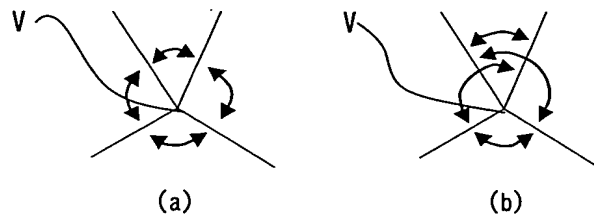


Fig. 9

09648139 "082500

```

Queue = empty;
forall (embeddings) {
    Score = 0;
    forall (loops) {
        Evaluate the loop;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    forall (vertices) {
        Evaluate the combination of loops around v;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    forall (edges) {
        Evaluate a pair of loops;
        If (acceptable) Accumulate the evaluated value to Score;
        else goto next_embed;
    }
    Register in Queue the pair of the embedding and computed Score;
next_embed:
}
If (Queue is not empty) {
    Sort the Queue based on Scores;
}

```

Fig. 10

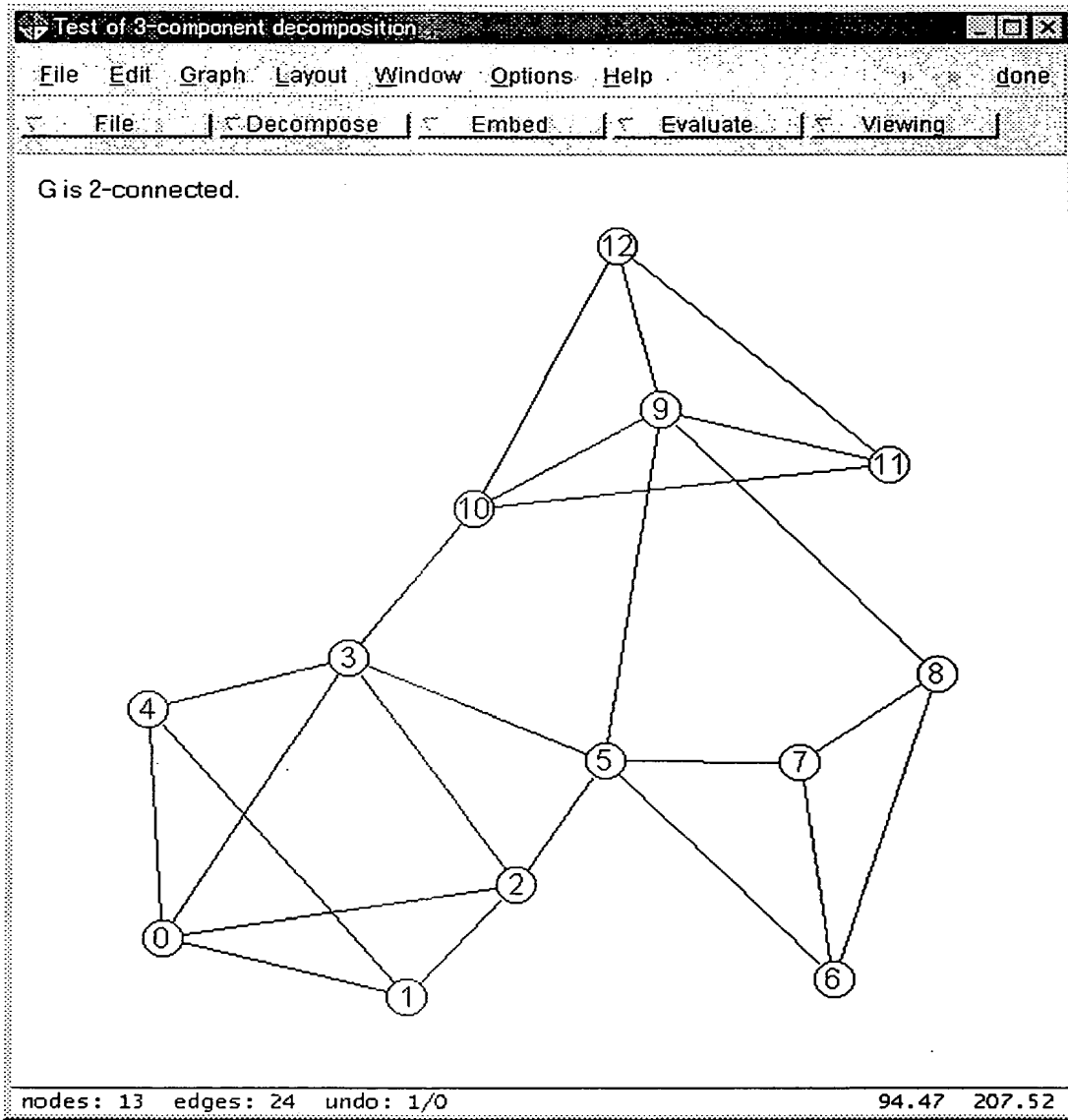


Fig. 11

005280" 62784960

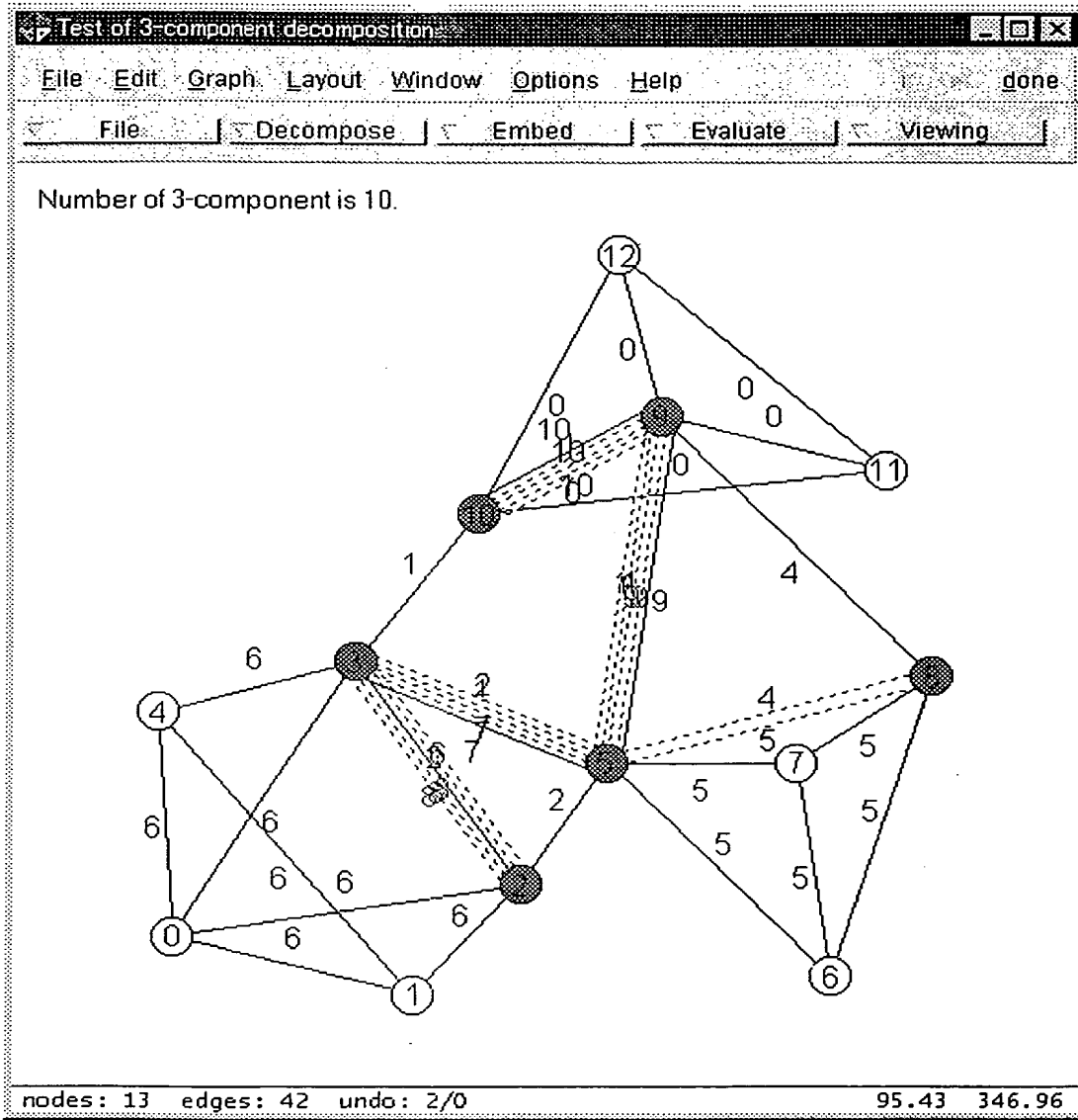


Fig. 12

005230" 63F84960

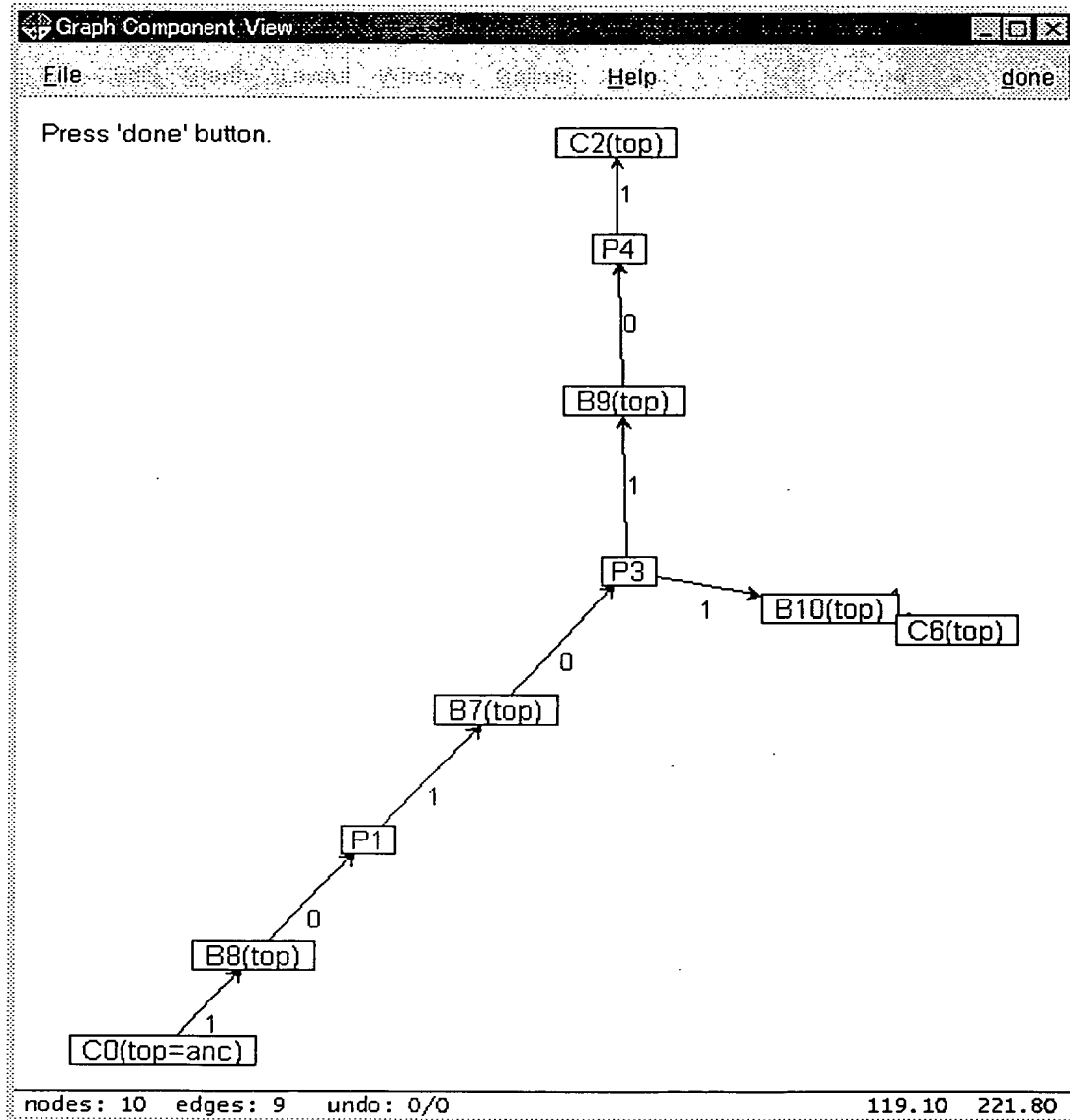


Fig. 13

005280" 6ET84960

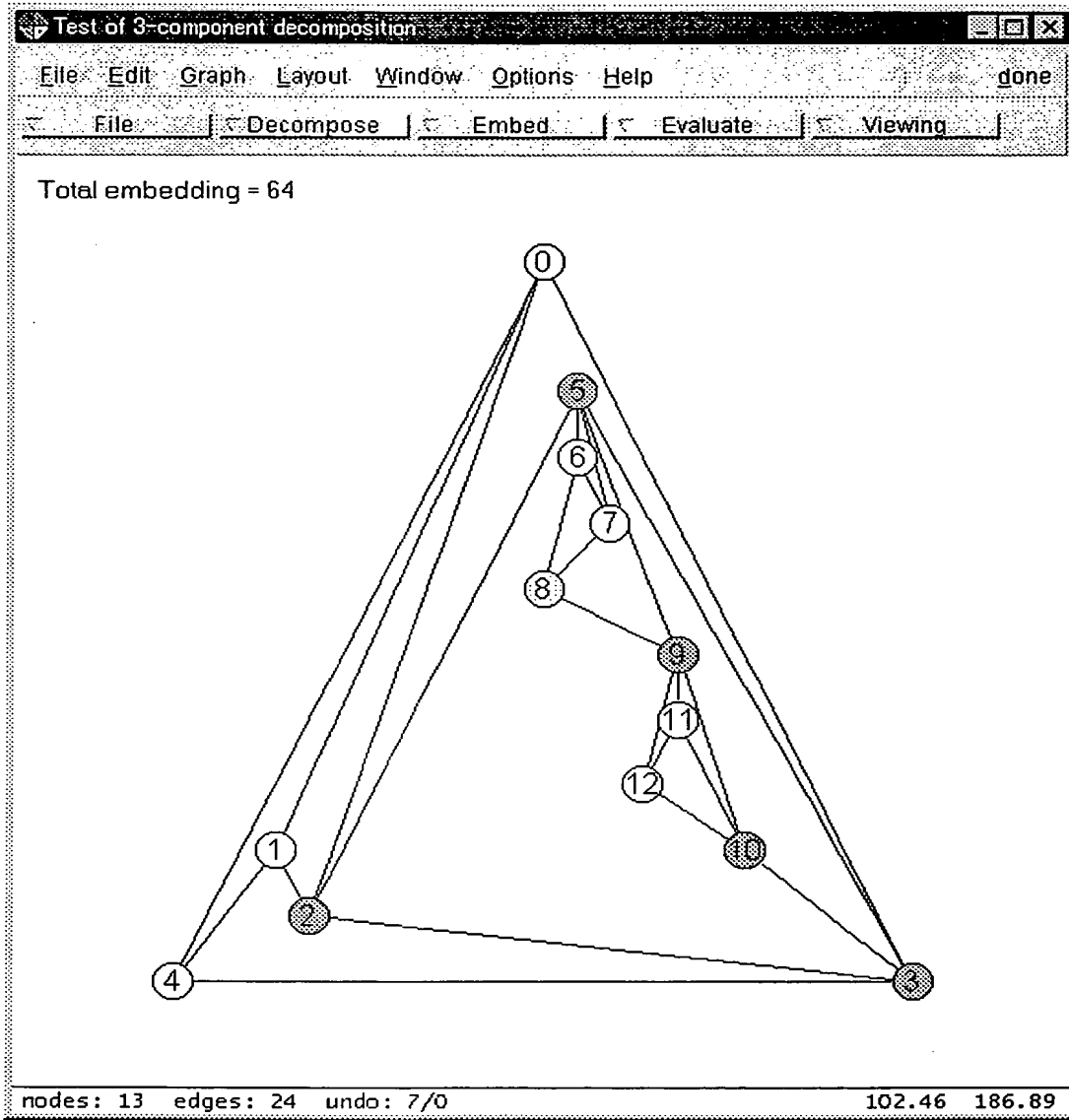


Fig. 14

005280" 6ET84960

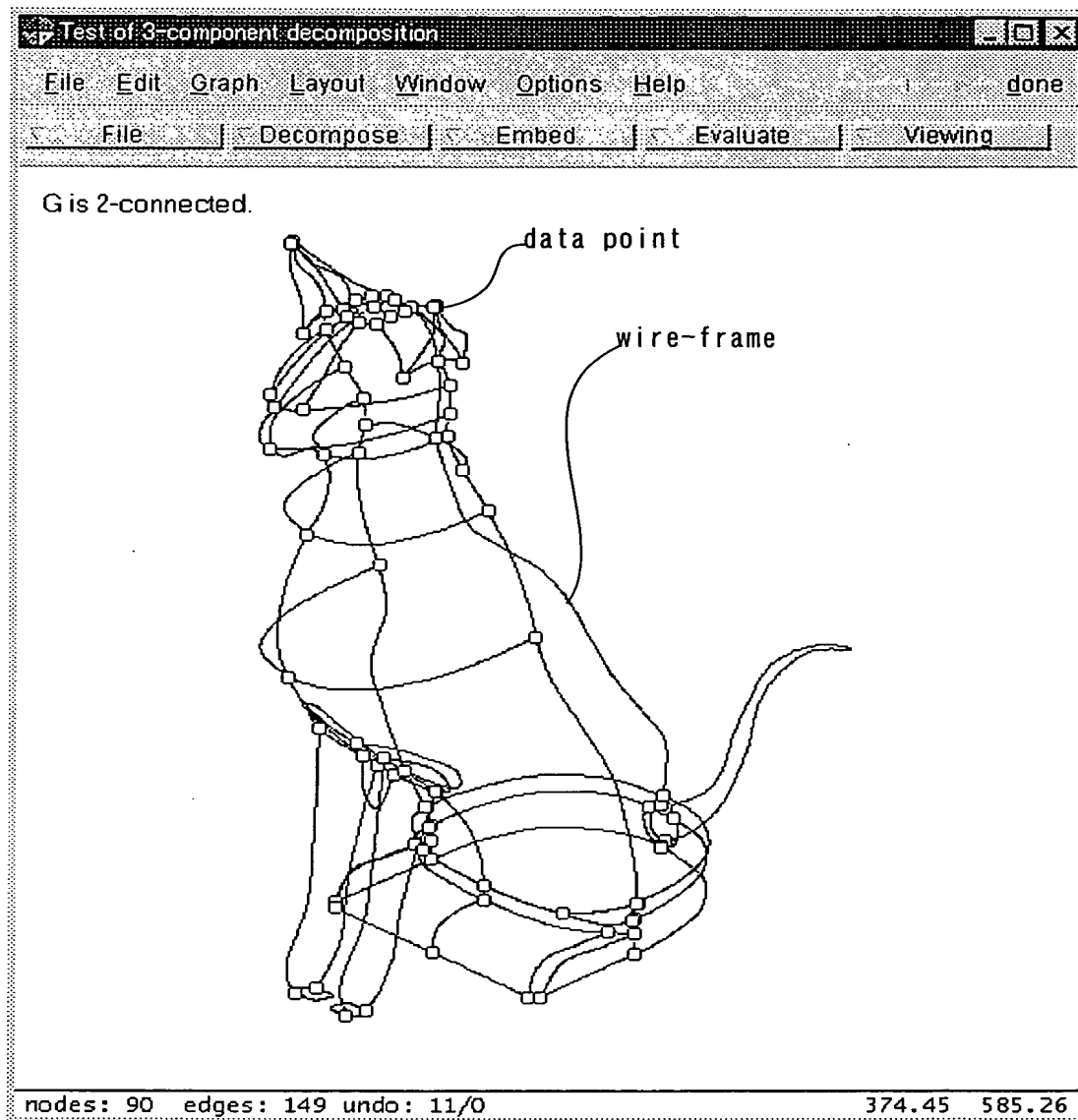


Fig. 15

005280 " 6ET84960

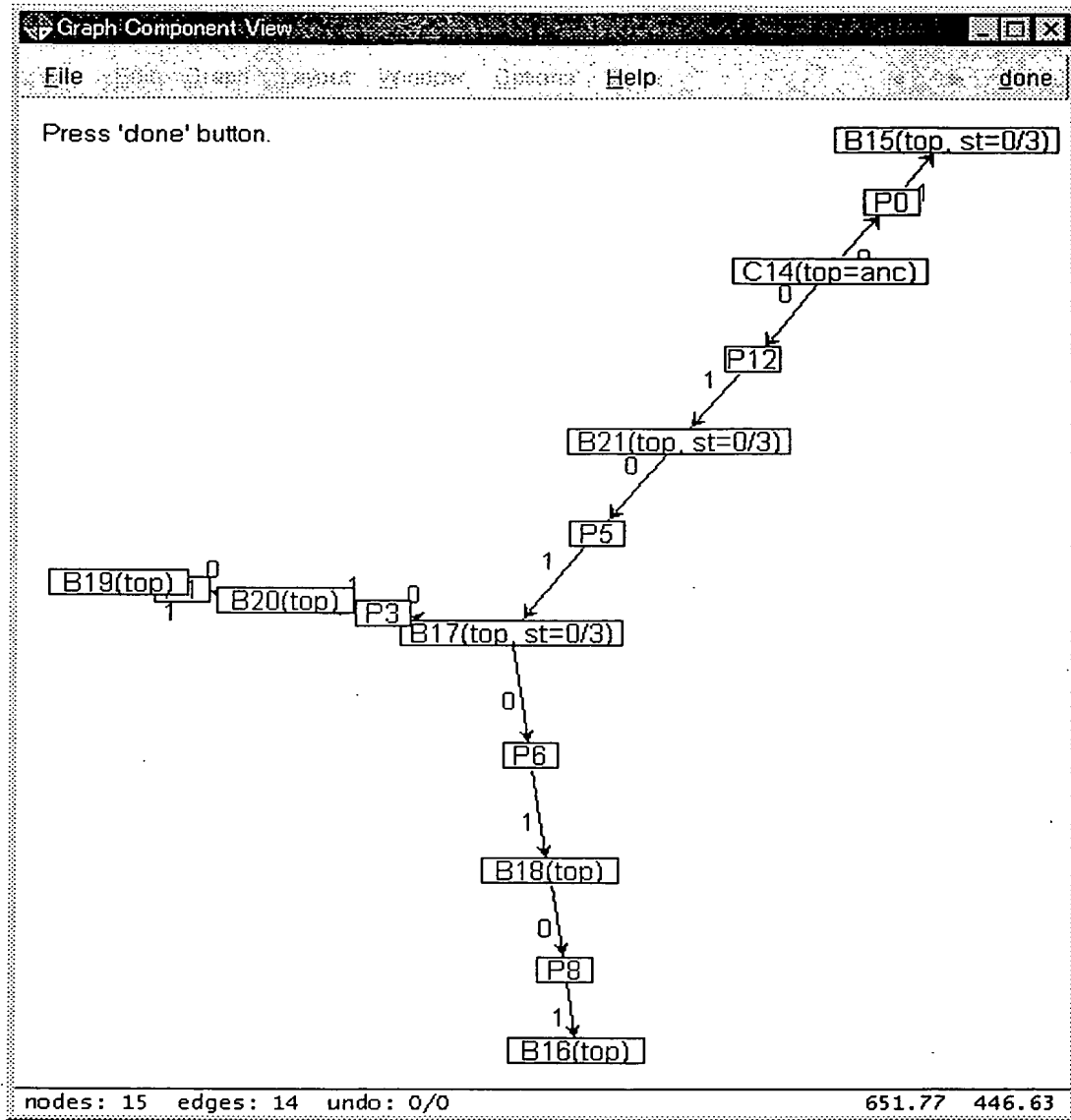


Fig. 16

005280" 6E181950

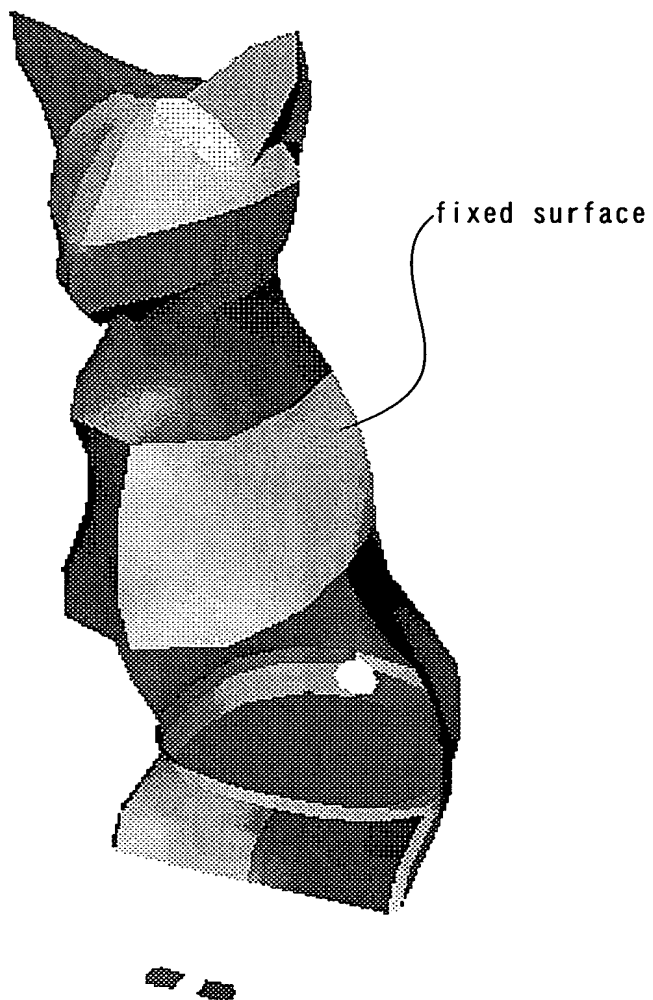


Fig. 17

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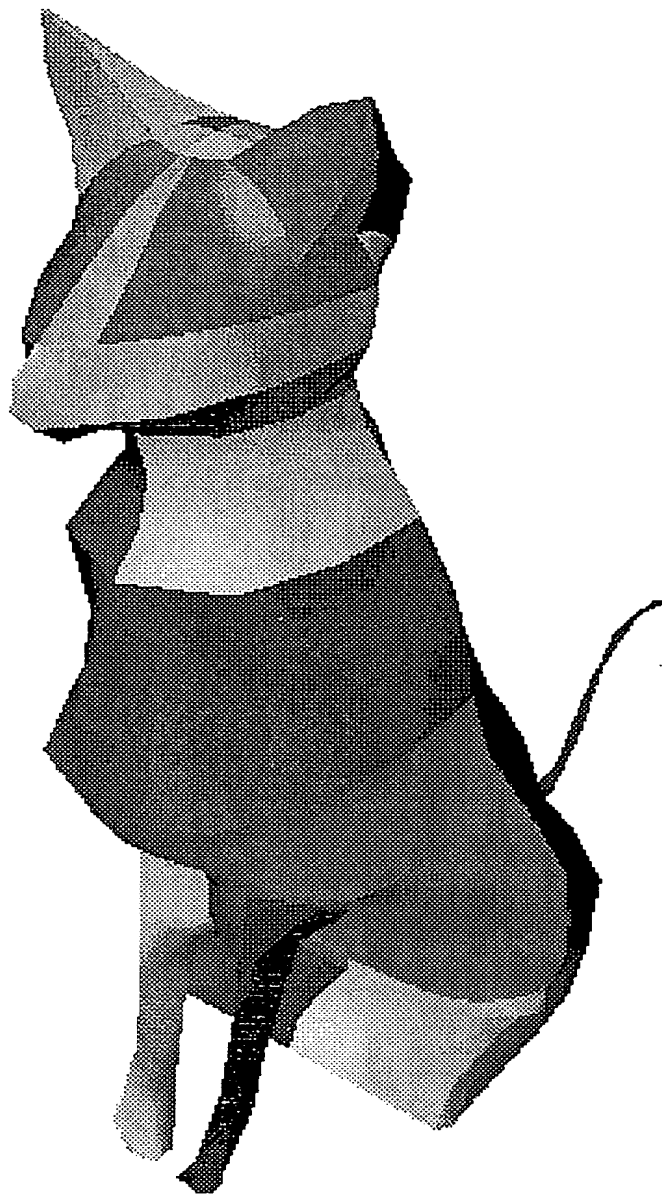


Fig. 18

005280" 6ET 34 960

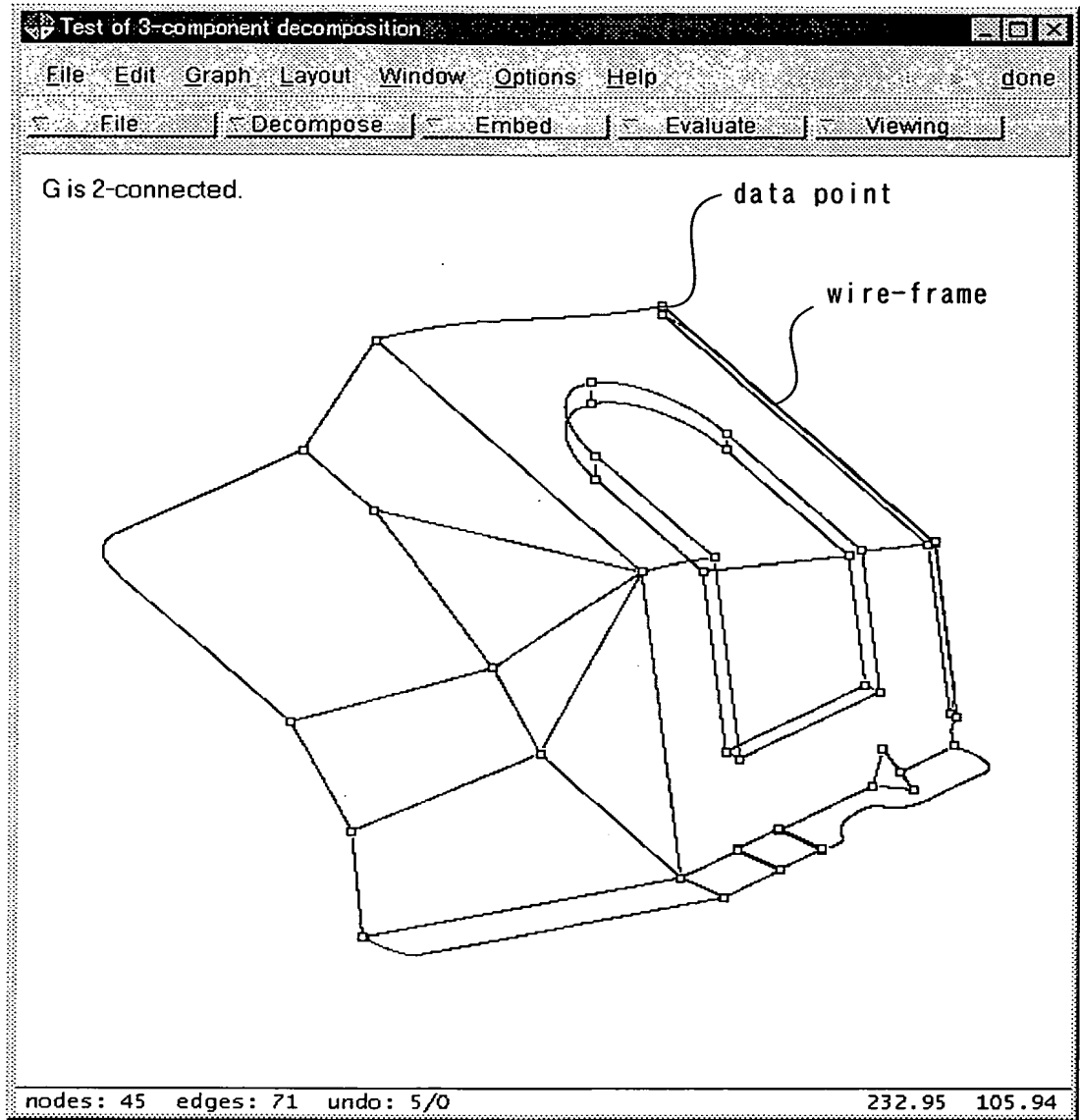


Fig. 19

005280" 6ET84960

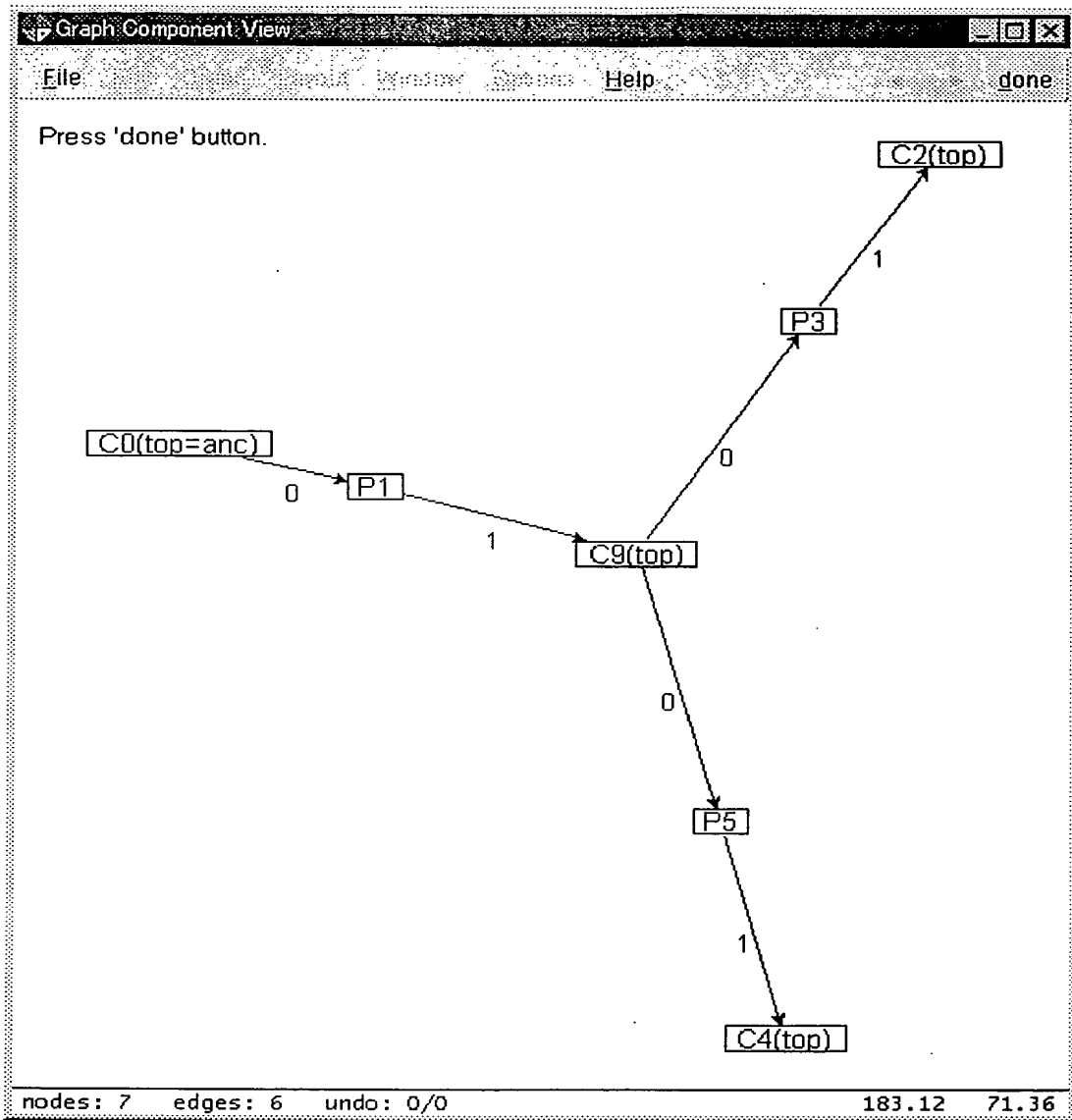


Fig. 20

005280" 5ET84960

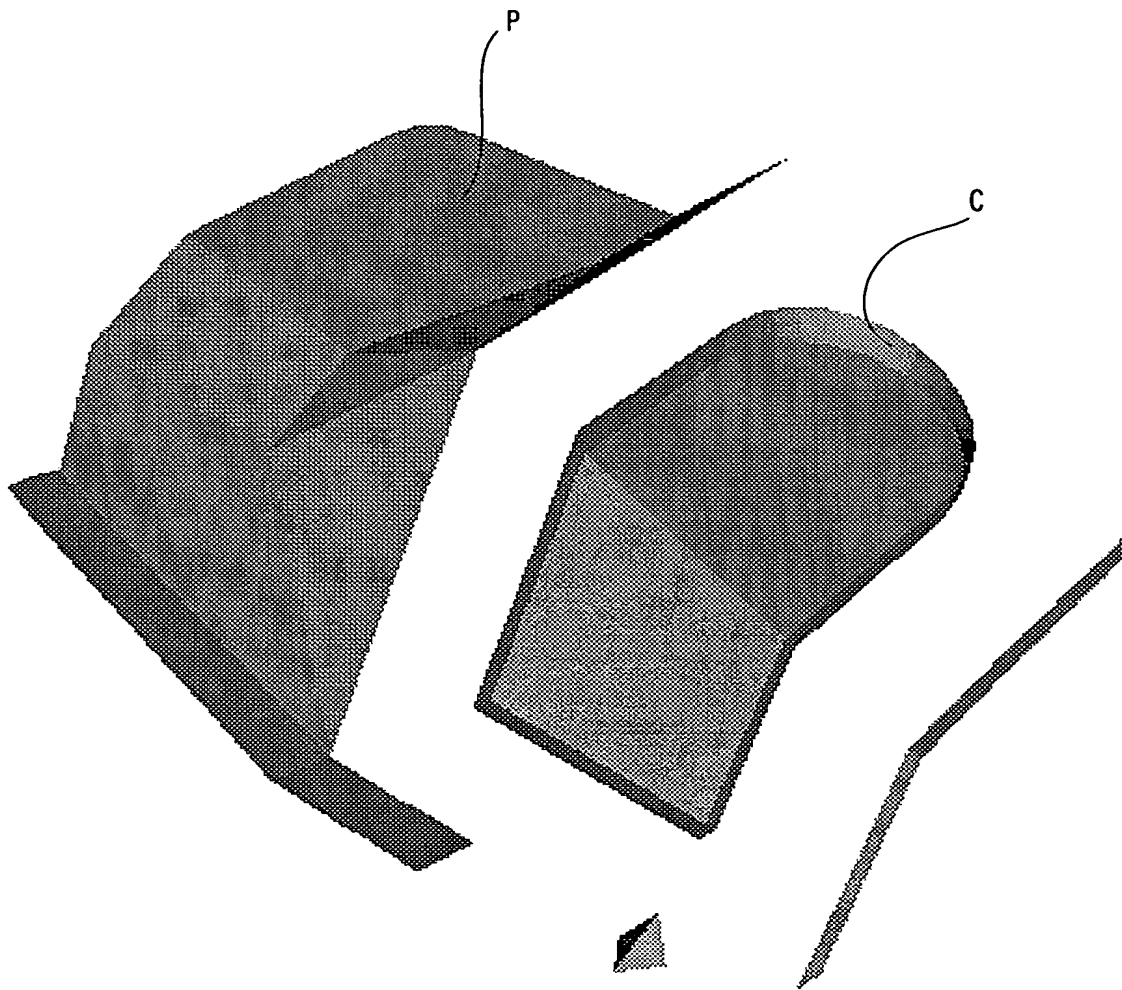


Fig. 21

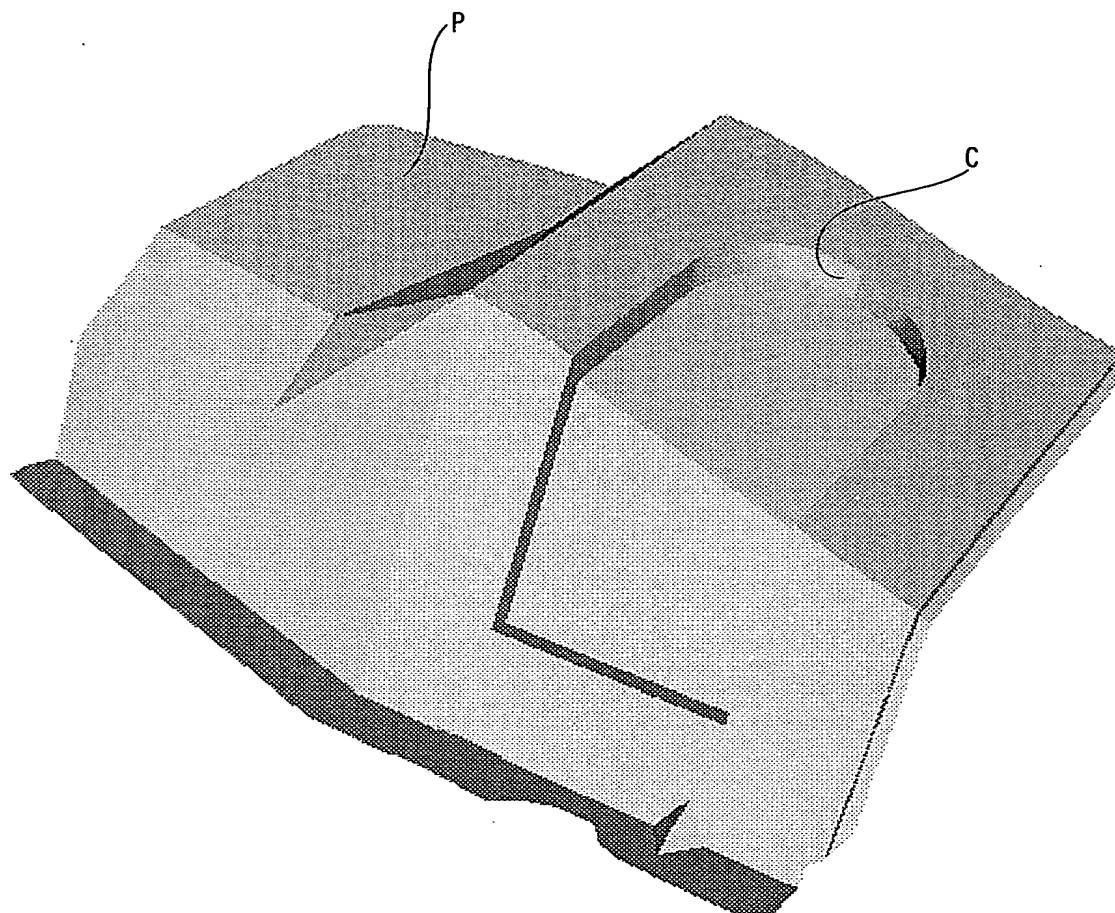


Fig. 22

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